QC-ABSTRACT

Name of Work:- Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sl No.	Item	Quantity As Per BOQ	Required No's of tests	Actual No's of tests	Tests
1	PCC 1:3:6	24.83 Cum	1	1	Cement
					Sand, Aggregates
2	Steel	1579.40 Kgs	1	1	-
3	M25	14.06 Cum	4	4	Concrete Cube Compressive Strength
4	Solid Blocks (400x150x200)mm	2.16 Sqm	1	1	Compressive Strength & Bulk Density
5	Vetrified Tiles	64.08 Sqm	1	1	-
6	CPVC Pipe 20mm dia	-	1	1	-
7	PVC Pipe 110mm dia	-	1	1	-

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/Cement/2022-23

Date: 23.02.2023

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID: : Cement (Birla Super 53 grade OPC)

Sample Supplied by: : AGENCY

Date of Manufacture: : August - 2022

Date of Testing : 18.02.2023-22.02.2023

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	380 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00%	-

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/Sand-1/2022-23

Date : 23.02.2023

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division..

Date of Testing : 23.02.2023

Material : Sand(Plastering)

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	14	1.40	1.40	98.6	95-100
2.36	18.5	1.85	3.25	96.8	95-100
1.18	30	3.00	6.25	93.8	90-100
600 Micron	72	7.20	13.45	86.6	80-100
300 Micron	269	26.90	40.35	59.7	20-65
150 Micron	525	52.50	92.85	7.2	0-15

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Job No.: CQCE/BBMP/YNKD/U.S/QC/Sand-2/2022-23

Date : 23.02.2023

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division..

Date of Testing : 23.02.2023

Material : Sand(Masonry)

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	15	1.50	1.50	98.5	90-100
1.18	30	3.00	4.50	95.5	70-100
600 Micron	82	8.20	12.70	87.3	40-100
300 Micron	268	26.80	39.50	60.5	5-70
150 Micron	473	47.30	86.80	13.2	0-15

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/Sand-3/2022-23 Date : 23.02.2023

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Date of Testing : 18.02.2023-22.02.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	74	7.40	7.40	92.6	90-100
2.36	98	9.80	17.20	82.8	75-100
1.18	166	16.60	33.80	66.2	55-90
600 Micron	215	21.50	55.30	44.7	35-59
300 Micron	189	18.90	74.20	25.8	8-30
150 Micron	168	16.80	91.00	9.0	0-10

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/40mm/2022-23 Date : 23.02.2023

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore..**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Date of Testing : 18.02.2023-22.02.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	195	1.30	1.30	98.70	95-100
20	8453	56.35	57.65	42.35	30-70
10	3325	22.17	79.82	20.18	10-35
4.75	2653	17.69	97.51	2.49	0-5

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/20mm/2022-23 Date : 23.02.2023

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore..

Agency : Sri Shivakumar B V, Bangalore

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Date of Testing : 18.02.2023-22.02.2023

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	236	4.7	4.7	95.3	95-100
10	2694	53.9	58.6	41.4	25-55
4.75	1845	36.9	95.5	4.5	0-10

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 06-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Stair Case Footing

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	6-Mar-23	8.553	398.2	17.70
2	27-Feb-23	6-Mar-23	8.124	387.6	17.23
3	27-Feb-23	6-Mar-23	8.145	395.3	17.57

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 13-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.

Agency : Sri Shivakumar B V, Bangalore

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Stair Case Footing

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	13-Mar-23	8.100	488.0	21.69
2	27-Feb-23	13-Mar-23	8.120	492.0	21.87
3	27-Feb-23	13-Mar-23	8.150	483.0	21.47

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 13-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Column Footing

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	13-Mar-23	8.110	496.0	22.04
2	27-Feb-23	13-Mar-23	8.510	477.0	21.20
3	27-Feb-23	13-Mar-23	8.220	485.0	21.56

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 27-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Column Footing

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	27-Mar-23	8.412	574.6	25.54
2	27-Feb-23	27-Mar-23	8.250	593.2	26.36
3	27-Feb-23	27-Mar-23	8.625	588.3	26.15

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 13-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.

Agency : Sri Shivakumar B V, Bangalore

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Sump Raft

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	13-Mar-23	7.500	499.0	22.18
2	27-Feb-23	13-Mar-23	7.600	485.0	21.56
3	27-Feb-23	13-Mar-23	7.440	476.0	21.16

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 27-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample ID : Sump Raft

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27-Feb-23	27-Mar-23	8.250	592.4	26.33
2	27-Feb-23	27-Mar-23	8.652	583.6	25.94
3	27-Feb-23	27-Mar-23	8.254	599.3	26.64

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ıb No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 22-02-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

lient	: **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**
gency	: **Sri Shivakumar B V, Bangalore**
lame of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
ımple ID	: Sump Wall
ze of cubes	: 150mmx150mmx150mm
ross Sectional Area	: 22500 mm^2
echnical Reference	: IS: 516-1959 (Reaffirmed 2008)
rade of Concrete	: M_{25}
ompressive Strength as on	: 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	8-Feb-23	22-Feb-23	7.800	488.0	21.69
2	8-Feb-23	22-Feb-23	7.540	487.0	21.64
3	8-Feb-23	22-Feb-23	7.600	462.0	20.53

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ob No.: CQCE/BBMP/YNKD/U.S/QC/M25/2022-23 Date: 02-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

lient	: Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.
gency	: Sri Shivakumar B V, Bangalore
Name of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
ample ID	: Sump Slab
ize of cubes	: 150mmx150mmx150mm
ross Sectional Area	: 22500 mm^2
echnical Reference	: IS: 516-1959 (Reaffirmed 2008)
rade of Concrete	: M_{25}
ompressive Strength as on	: 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16-Feb-23	2-Mar-23	8.100	482.0	21.42
2	16-Feb-23	2-Mar-23	8.300	475.0	21.11
3	16-Feb-23	2-Mar-23	8.140	496.0	22.04

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23

Date: 16-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.
Agency	: Sri Shivakumar B V, Bangalore
Name of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
Sample ID	: Sump Slab
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16-Feb-23	16-Mar-23	8.065	596.3	26.50
2	16-Feb-23	16-Mar-23	8.145	584.0	25.96
3	16-Feb-23	16-Mar-23	8.521	599.6	26.65

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b No.: CQCE/BBMP/YNKD/U.S/QC/M25/2022-23 Date: 22-02-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

ient : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

gency : **Sri Shivakumar B V, Bangalore**

ame of the work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

mple ID : Column Footing

ze of cubes : 150mmx150mmx150mm

oss Sectional Area : 22500 mm^2

echnical Reference : IS: 516-1959 (Reaffirmed 2008)

rade of Concrete : M_{25}

ompressive Strength as on : 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	8-Feb-23	22-Feb-23	7.400	487.0	21.64
2	8-Feb-23	22-Feb-23	7.220	485.0	21.56
3	8-Feb-23	22-Feb-23	7.360	496.0	22.04

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23

Date: 26-03-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**
Agency	: **Sri Shivakumar B V, Bangalore**
Name of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
Sample ID	: Flooring Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19-Mar-23	26-Mar-23	8.022	395.6	17.58
2	19-Mar-23	26-Mar-23	8.513	377.6	16.78
3	19-Mar-23	26-Mar-23	8.214	386.5	17.18

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23

Date: 16-04-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.
Agency	: Sri Shivakumar B V, Bangalore
Name of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
Sample ID	: Flooring Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19-Mar-23	16-Apr-23	8.415	596.4	26.51
2	19-Mar-23	16-Apr-23	8.025	582.6	25.89
3	19-Mar-23	16-Apr-23	8.143	579.6	25.76

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No.: CQCE/BBMP/YNK.D/U.S/QC/M25/2022-23 Date: 03-04-2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

ent	: Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.
gency	: Sri Shivakumar B V, Bangalore
ame of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
mple ID	: Cement Concrete for Stair Case
ze of cubes	: 150mmx150mmx150mm
ross Sectional Area	: 22500 mm^2
echnical Reference	: IS: 516-1959 (Reaffirmed 2008)
rade of Concrete	: M_{25}
ompressive Strength as on	: 14th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20-Mar-23	3-Apr-23	7.950	488.0	21.69
2	20-Mar-23	3-Apr-23	8.100	462.0	20.53
3	20-Mar-23	3-Apr-23	8.050	471.0	20.93

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/Tiles/2022-23

Date : 05.04.2023

TEST REPORT ON VITRIFIED TILES

*Client	: **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**
*Contractor	: **Sri Shivakumar B V, Bangalore**
*Name of the work	: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.
Technical Reference	: IS: 13630 - 2006 - Method of Testing Vitrified Tiles IS 15622 - 2006 - Specification of Vitrified Tiles
No. of Samples Tested	: 05 (Five)
Date of Testing	: 05.04.2023

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	48.2	47.68	Average 47, individual minimum 44 N/mm^2
2	600 x 600 x 9.8	46.9		
3	600 x 600 x 9.9	47.2		
4	600 x 600 x 9.8	48.2		
5	600 x 600 x 9.8	47.9		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.8	No visible effect	Class AA, min (13630 Part 8)
2	600 x 600 x 9.8	No visible effect	
3	600 x 600 x 9.9	No visible effect	
4	600 x 600 x 9.8	No visible effect	
5	600 x 600 x 9.8	No visible effect	

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/CPVC/2022-23 Date: 07.06.2023

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample Supplied by: :AGENCY

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 20mm dia

Date of Testing : 03.06.2023

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	22.1	22.2 mm
2	Mean Outside Diameter (mm)	22.2	Min 22.1 mm Max 22.3 mm
3	Outside Diameter at Any Point (mm)	22.1	Min 22 mm Max 22.4 mm
4	Density	1465 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

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Job No.: CQCE/BBMP/YNK.D/U.S/QC/PVC/2022-23 Date: 03.06.2023

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer, Yelahanka Setallite Town Sub Division, BBMP, Bangalore.**

Agency : **Sri Shivakumar B V, Bangalore**

Name of Work : Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Sample Supplied by: :AGENCY

BIS Code: IS 4985:2000

Sample Identification: PVC pipe 110mm dia

Date of Testing : 02.06.2023

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	110	110 mm
2	Mean Outside Diameter (mm)	110.2	Min 110 mm Max 110.3 mm
3	Outside Diameter at Any Point (mm)	110.4	Min 110.1 mm Max 110.9 mm

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